

JC03 Rec'd PCT/PTC

25 JUL 2001 9/18/01  
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PATENT  
1390-0124P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: LAIJOKI-PUSKA, Ritva Conf.: 4240  
Appl. No.: 09/831,279 Group: 3635  
Filed: June 7, 2001 Examiner: UNASSIGNED  
For: SPACE STRUCTURE AND A METHOD FOR  
PRESENTED THEREIN ESPECIALLY THE COLD  
SEASON

RECEIVED

SEP 17 2001

REQUEST FOR A CORRECTED NOTIFICATION OF ACCEPTANCE 3600 MAIL ROOM

Assistant Commissioner for Patents  
Washington, DC 20231

July 25, 2001

Sir:

Attached hereto is a copy of the Notification of Acceptance  
in connection with the above-identified application.

THE FOLLOWING CORRECTION(S) IS/ARE RESPECTFULLY REQUESTED:

DATE OF RECEIPT OF ALL  
35 U.S.C. 371 REQUIREMENTS

June 7, 2001

It is respectfully requested that the U.S. Patent and  
Trademark Office forward/issue a new Notification of Acceptance  
with the correction indicated above. Support for the correction is  
readily apparent on the enclosed photocopy of the date-stamped  
postcard evidencing receipt of the executed Declaration by the  
U.S. Patent and Trademark Office on June 7, 2001. A copy of the  
Official Filing Receipt is also enclosed, which correctly lists  
the filing date as June 7, 2001.

The correction is due to error by the U.S. Patent and  
Trademark Office; therefore no fee is due.

Appl. No. 09/831,279

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By Joe McKinney Muncy  
Joe McKinney Muncy, #32,334

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KM/asc  
1390-0124P

Attachment

Papers Filed herewith on: June 7, 2001  
DOCKET NO.: 1390-0124P ATTY.: KM  
APPLICANT(S): LAITOKI-AUSKA KIVA  
APPLN. NO: 09/831,279 FILED: MAY 9, 2001  
PAT NO.: \_\_\_\_\_

- ☐ New Application with Transmittal Letter  
☐ Utility ☐ Design ☐ CIP ☐ PCT ☐ Provisional  
☐ Filing Under 37 CFR 1.53(b) ☐ CONT ☐ DIV  
☐ Filing Under 37 CFR 1.53(d) (CPA)  
☐ Filing Under 37 CFR 1.114(RCE)  
☐ Specification Consisting of: \_\_\_\_\_ pages  
☐ Combined Declaration & Power of Attorney  
☐ Assignment / Cover Letter  
☐ Letter to Official Draftsman  
☐ Drawings \_\_\_\_\_ Sheets ☐ Formal ☐ Informal ☐ Red-Ink  
☒ Completion of Filing Requirements, PCT/DO-50-005  
or Formalities Letter and Executed Declaration  
☐ Priority Document(s) / Cover Letter, No. Doc. \_\_\_\_\_  
☐ Amendment: \_\_\_\_\_  
☐ Transmittal Ltr ☐ Large Entity ☐ Small Entity  
☐ Response \_\_\_\_\_  
☐ Information Disc. Stmt. PTO-1449(s) \_\_\_\_\_ ref(s)  
☐ Notice of Appeal ☐ Appeal Brief  
☐ Issue Fee Transmittal  
☐ FEES: \_\_\_\_\_  
☐ Letter: \_\_\_\_\_  
☐ Other: \_\_\_\_\_

Receipt is hereby acknowledged of the papers filed as  
indicated in connection with the above identified case.  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Due Date: July 9, 2001  
Handcarry: \_\_\_\_\_

DOCKET NO. 1390-0124P



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MAIL ROOM

## Claims

1. A spatial structure (1, 1a) arranged especially for spending of leisure, said structure comprising wall and, correspondingly, roof structures (2, 3) which define one or several interior space(s) (6) separated from the ambient open-air, characterized in that several at least partially closed separate spaces (7 to 16b, 23) are arranged in an essentially unitary interior space (6), or in immediate connection thereto, wherein the climate in each separate space (7 to 16, 2) can be separately regulated in accordance with mutually differing conditions.
2. A structure as defined in claim 1, characterized in that in said at least partially closed separate spaces (7 to 16b, 23) is arranged such activities, which, respectively, constitute different functional groups and suitably are mutually connected by the special climatologic temperature in the respective separate space (7 to 16b, 23), favorably so that they can be at least partially observed also from outside said separate space (7 to 16b, 23) though a transparent wall (18).
3. A structure as defined in claim 1 or 2, characterized in that the temperature of at least one separate space (7) corresponds to the winter temperature of the Nordic or Arctic areas.
4. A structure as defined in any one of claims 1 to 3, characterized in that one or several refrigerating and/or heating apparatus(es) is(are) arranged for the temperature regulation of different spaces, said apparatus being common for several partially closed separate spaces (7 to 16b, 23) or a corresponding space connected to said structure, favorably so that the excess heat which is generated during the refrigeration of a space (7, 11 to 16, 23) adapted for arctic and/or winter activities or functions can be conducted

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for the heating of a separate space (5, 9) arranged for tropical and/or summer activities or functions.

5. A structure as defined in any one of claims 1 to 4, characterized in that a separate space (23) for a separate activity or function is arranged in connection with said unitary interior space (6) outside thereof, where the interior temperature of said separate space (23) logically connects to a separate space (7, 12 to 16) arranged in said unitary interior space (6).

6. A structure as defined in any one of claims 1 to 5, characterized in that natural and/or artificial plants (21) and/or animals (19, 20) and/or structures providing experiences of art or such like are located in said at least partially closed separate spaces (7 to 16b, 23).

7. A structure as defined in any one of claims 1 to 6, characterized in that separate spaces for describing at least winter (7) and summer (9), suitably additionally spring (8) and autumn (10) are arranged in said interior space (6), favorably so that the temperatures in said spaces are adapted mutually to change in accordance with the yearly seasonal rhythm of nature or in a rhythm which differs therefrom in a desired manner.

8. A structure as defined in any one of claims 1 to 7, characterized in that at least one separate space (12) comprises a water area (14) or pool having an ice cover and arranged for winter swimming and/or winter jig fishing or similar activity, said pool suitably having fish or the like water animals located therein.

9. A method for presenting different climate conditions and especially activities related to the cold season of the year, characterized in that the temperature in functionally interconnected essentially closed separate spaces

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(7 to 16b, 23) is separately regulated to correspond to the appropriate climate so that activities or functions corresponding to a respective climate condition are brought to implementation in a space which suitably has the mean temperature of the respective climate.

10. A method as defined in claim 9, characterized in that excess heat emanating from the refrigeration of a colder separate space (7, 11 to 16, 22) is utilized for the heating of a warmer separate space (5, 9).

11. A method as defined in claim 9 or 10, characterized in that the temperatures in different separate spaces (7 to 10) are brought in turn to mutually alternate in order to disclose and/or imitate the natural seasonal rhythm.

12. A pool structure containing water, characterized in that said pool (14) is arranged in an essentially closed space (12) so that an artificial ice cover can be formed thereon by one or several refrigerating machineries, which ice cover comprises holes for winter swimming and/or winter fishing, or in which ice cover such holes can be made.

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/831,279	06/07/2001	3635	700	1390-0124P	2	12	3

CONFIRMATION NO. 4240

2292

BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA 22040-0747

## FILING RECEIPT



\*OC000000006238908\*

Date Mailed: 06/28/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Ritva Laijoki-Puska, Espoo, FINLAND;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/FI99/00934 11/09/1999

## Foreign Applications

FINLAND 982430 11/09/1998

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Space structure and a method for presenting therein especially the cold season

## Preliminary Class

052

JUL - 5 2001

Data entry by : ORDENEZ, MARTA

Team : OIPE

Date: 06/28/2001





**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**



**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231



## UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/831279	LAIJOKI-PUSKA	R 1390-0124P
INTERNATIONAL APPLICATION NO.		
PCT/FI99/00934		
I.A. FILING DATE	PRIORITY DATE	
09 NOV 99	09 NOV 98	
DATE MAILED: 07 JUN 01		

BIRCH STEWART KOLASCH & BIRCH  
PO BOX 747  
FALLS CHURCH, VA 22040 0747**NOTIFICATION OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C. 371  
AND 37 CFR 1.494 OR 1.495**

1. The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as ☐ a Designated Office (37 CFR 1.494), ☒ an Elected Office (37 CFR 1.495), has determined that the above-identified international application has met the requirements of 35 U.S.C. 371, and is **ACCEPTED** for national patentability examination in the United States Patent and Trademark Office.

2. The United States Application Number assigned to the application is shown above and the relevant dates are:

09 MAY 2001	09 MAY 2001
DATE OF RECEIPT OF	DATE OF RECEIPT OF ALL
35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS	35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. **THE DATE APPEARING ON THE FILING RECEIPT AS THE "FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE.** The filing date of the above-identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

3. ☒ A request for immediate examination under 35 U.S.C. 371(f) was received on 09 MAY 2001 and the application will be examined in turn.

4. The following items have been received:

- ☒ U.S. Basic National Fee.
- ☒ Copy of the international application.
- ☐ Translation of the international application into English.
- ☒ Oath or Declaration of inventors(s).
- ☐ Copy of Article 19 amendments. ☐ Translation of Article 19 amendments into English.  
The Article 19 amendments ☐ have ☐ not been entered.
- ☒ The International Preliminary Examination Report in English and its Annexes, if any.
- ☐ Copy of the Annexes to the International Preliminary Examination Report (IPER).  
☐ Translation of Annexes to the IPER into English.  
The Annexes ☐ have ☐ not been entered.
- ☒ Preliminary amendment(s) filed 09 MAY 2001 and \_\_\_\_\_
- ☒ Information Disclosure Statement(s) filed 09 MAY 2001 and \_\_\_\_\_
- ☐ Assignment document.
- ☐ Power of Attorney and/or Change of Address.
- ☐ Substitute specification filed \_\_\_\_\_
- ☐ Indication of Small Entity Status.
- ☒ Priority Document.
- ☒ Copy of the International Search Report ☒ and copies of the references cited therein.
- ☒ Other: PCT REQUEST(PCT/RO/101)

REVIEWED BY  
DOCKETING  
8/6/01

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

Pat Booker, Paralegal

Telephone: (703)305-3738